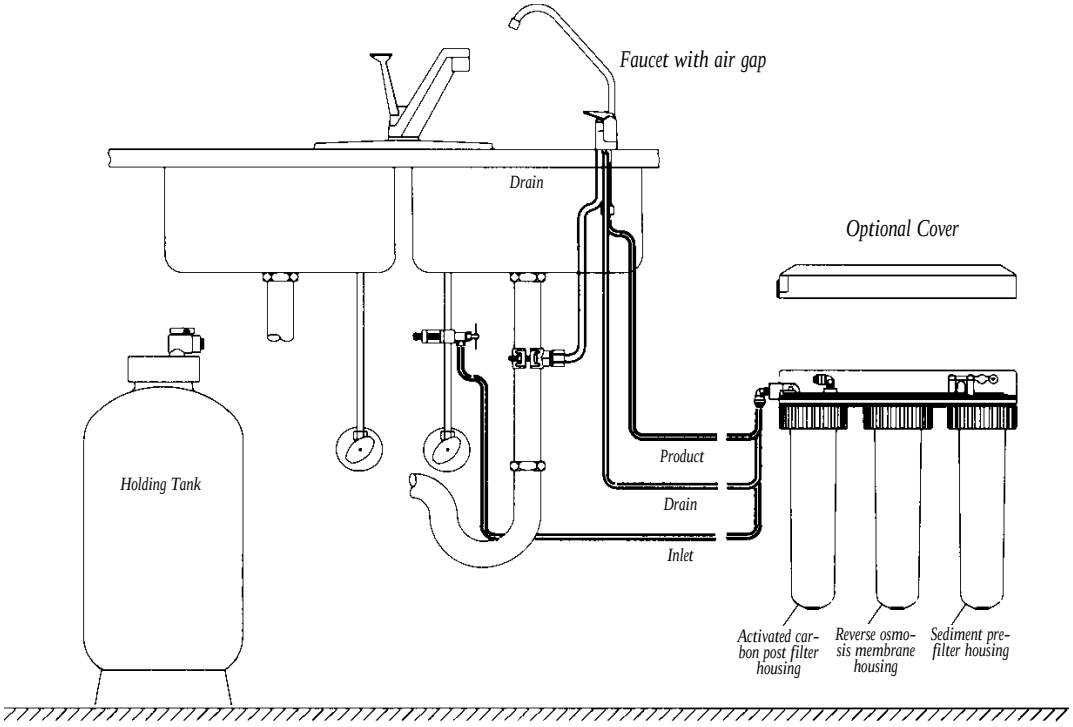
REVERSE OSMOSIS

Reverse Osmosis (RO) is one of the most convenient and economical methods of reducing unwanted contaminants in your drinking water. RO is the process by which water molecules are forced, by water pressure, through a semipermeable membrane. Most of the impurities and other contaminants are rinsed to the drain while the refined water is routed to a special holding tank.

Typical installation of reverse osmosis drinking water system



For best results with CTA membrane the following incoming water specifications need to be followed. CTA is Cellulose Triacetate membranes that are chlorine tolerable.

INCOMING WATER SPECIFICATIONS

Water Pressure Range	40-125 psi
Maximum Total Dissolved Solids (T.D.S.)	no more than 1500 ppm
Water Temperature Range	40-85°F
Allowable pH Range	5-8.5
Maximum Hardness	no more than 10 grains per gallon or presoften
Maximum Iron	no more than 0.1 ppm
Maximum Manganese	no more than 0.05 ppm
Hydrogen Sulfide Restriction	hydrogen sulfide must not be present
Chlorine Level[4]	0.2-2.0 ppm
Bacteria Restriction[5]	water source must be potable

For additional information call: 610-275-4453 or Fax: 610-279-6299.

Please call for current prices.